

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000954**Date Inspected:** 31-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use: Yes No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed: Yes No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up: Yes No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS: Yes No N/A
				Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** 77, 89 & 114 Meter Mock-Up**Summary of Items Observed:**

This Quality Assurance (QA) Inspector oversaw QA Inspectors Charlie Franco, David Smith and Roscoe Dixon performing fabrication inspection out on the shop floor today. Mr. Franco observed the heating of welds on Skin Plate D of the 77 Meter Mock-up, no welding carried out. Mr. Franco also observed the flux core arc welding of the 77 Meter Mock-up Diaphragm SA104 flange and the cleaning up of the SA95 flange. ZPMC was observed checking the flatness of the T-ribs. Mr. Dixon observed the tack welding of the ribs to upper diaphragm of the 89 Meter Mock-up and the 77 Meter Mock-Up MUSA 273 welds being made. Mr. Smith observed the filler passes of the 89 Meter Mock-Up, Skin Plate D MUSB-MA22 being welded and SA 13 upper diaphragm tack welded.

All observations/verifications by Quality Assurance staff appeared to be in compliance with the project specifications.

Summary of Conversations:

No conversations held today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Berger,Bruce

Quality Assurance Inspector

WELDING INSPECTION REPORT

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Reviewed By: Cochran,Jim

QA Reviewer